

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1113	ARITA-KIYOSHI.in. IWAI-TETSUHIRO.in. NAKAGAWA-AKIRA.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:05
S2	1	S1 and (blocking with ring) and (cover with ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:22
S3	1	S1 and (blocking with ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:20
S4	0	"matsushita-electric.as"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:21
S5	559065	matsushita adj electric.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:22
S6	1	S5 and (blocking with ring) and (cover with ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:23
S7	30	S5 and (blocking with ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:32

## EAST Search History

S8	4	("20030037882" "6583979").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:16
S9	6	"2001033369".pn. "2002140148".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:17
S10	3	"2001077184".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:21
S11	0	"2001033369".pn. "2005018169".pn. "2002140148".pn.	US-PGPUB	OR	ON	2007/07/27 13:22
S12	1	"2001326270".pn.	JPO	OR	ON	2007/07/27 13:30
S13	0	"2002140148 A1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:31
S14	12	"1215716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:32
S15	1	"EP 1215716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:34

## EAST Search History

S16	2	"20020140148".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:34
S17	10	("4480284"   "4520421"   "5055964"   "5099571"   "5191506"   "5345999"   "5572398"   "5625526"   "5886863"   "5909354").PN. OR ("6583979"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 17:41
S18	32	("4384918"   "5055964"   "5099571").PN. OR ("5572398"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 18:19
S19	48565	(118/715.ccls. or 118/724.ccls. or 118/725.ccls. or 118/728.ccls. or 118/50.ccls. or 118/723e.ccls. or 118/723er.ccls. or 156/345.26.ccls. or 156/345.29.ccls. or 156/345.33. ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.43-345.47.ccls or 156/345.51.ccls.) or (137/262-264. ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590. ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599. 05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.) 156/345.52,345. 53.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:57
S20	1584	S19 and ((susceptor support chuck pedestal platen stage holder platform mounting) with (cover or "insulating film"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/28 15:23

## EAST Search History

S21	20725	S19 and (@rlad<="20030723" or @ad<="20030723")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 18:22
S22	1175	S21 and ((susceptor support chuck pedestal platen stage holder platform mounting) with (cover or "insulating film"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/28 18:21
S23	52	S22 and (cover with detach\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/28 16:16
S24	87	S22 and (cover with protect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/28 16:16
S25	84	S24 not S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/28 16:16
S26	19	("3179213"   "4078812"   "4167351"   "4668373"   "5066381"   "5074456"   "5161908"   "5178681"   "5238499"   "5257872"   "5269894"   "5494523").PN. OR ("5589003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/28 18:04
S27	223	S21 and (shield\$2 with (substrate or wafer) with (support or holder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 16:10

## EAST Search History

S28	160	(plasma and (chamber with (substrate or wafer))) and ((small\$2 adj (substrate or wafer)) same (larg\$2 adj (substrate or wafer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:00
S29	263	((chamber with (substrate or wafer))) and ((small\$2 adj (substrate or wafer)) same (larg\$2 adj (substrate or wafer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 17:26
S30	103	S29 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 17:41
S31	1	S30 and ((accommodat\$3 or adapt\$3) near3 (small and large))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 17:29
S32	16	("3467242"   "4261464"   "4308953"   "4446966"   "4574950"   "4602715"   "5653565"   "5706946"   "5711427"   "5755332").PN. OR ("6095335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 17:35
S33	102	S30 not (S31 S32)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 17:41
S34	13	("4261762"   "4457359"   "4512391"   "4542298"   "4680061"   "4705951"   "4743570"   "4909314"   "4949783"   "5001423"   "5583737").PN. OR ("6183523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 18:14

## EAST Search History

S35	2	"6822730".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 18:16
S36	6	("20030211813"   "5441911"   "5820329"   "6164633"   "6258228").PN. OR ("6822730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 18:16
S37	14	("4131267"   "4448404"   "5191218"   "5324012"   "5564682"   "6032997").PN. OR ("6164633"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 18:18
S38	4	(plasma and (chamber with (substrate or wafer))) and ((susceptor support chuck mount\$3 holder stage platform pedestal platen) with ((inner and outer) adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:10
S39	1	(plasma and (chamber with (substrate or wafer))) and ((substrate adj support) with ((inner and outer) adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:13
S40	1	( (chamber with (substrate or wafer))) and ((substrate adj support) with ((inner and outer) adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:13
S41	10	( (chamber with (substrate or wafer))) and ((substrate adj support) with (insulating adj film))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:19
S42	316	( (chamber with (substrate or wafer))) and ((support susceptor pedestal mounting chuck) with (insulating adj film))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:34

## EAST Search History

S43	646	( (chamber with (substrate or wafer))) and ((support susceptor pedestal mounting chuck) with (divided))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 14:57
S44	17	( (chamber with (substrate or wafer))) and ((support susceptor pedestal mounting chuck) with (divided adj (area section portion)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:21
S45	129	S42 and (insulat\$3 with (ring separat\$3 concentric area divide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:36
S46	1100	( (chamber with (substrate or wafer))) and ((support susceptor pedestal mounting chuck) with (suction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 14:58
S47	524	( (chamber with (substrate or wafer))) and ((support susceptor pedestal mounting chuck) near3 (suction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 14:58
S48	331	S47 and (suction near3 (wafer substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:20
S49	20	("20020021959" "20030038112" "20030053075" "20030056899" "5589928" "5796486" "6077387" "6164633" "6511895" "6592673").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:20

## EAST Search History

S50	2881	118/728.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 16:45
S51	329	S50 and ((small and large) with (substrate wafer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 16:48
S52	319	S51 not (S38 S39 S40 S41 S42 S44 S45 S48 S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 16:47
S53	569	S50 and ((small\$2 and large\$2) with (substrate wafer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 16:48
S54	54	S50 and ((small\$2 and large\$2) adj (substrate wafer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 17:48
S55	33	(quantum adj dot) and substrate and atomizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:03
S56	2	"4692836".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 19:10



## EAST Search History

S57	54	("4384918"   "4520421").PN. OR ("4692836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 22:58
S58	144	("3634740"   "3916270"   "4184188"   "4282267"   "4292153"   "4313783"   "4324611").PN. OR ("4384918").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 12:49
S59	784	361/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 13:01
S60	607	S59 and (@rlad<="20030723" or @ad<="20030723")	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 13:02
S61	13	S60 and (plasma and suction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 13:02
S62	5	("6556414").URPN.	USPAT	OR	ON	2007/07/31 13:15
S63	54	("4384918"   "4520421").PN. OR ("4692836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 22:59
S64	9	S63 and (insulat\$3 near3 ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 11:21
S65	14	("electrostatic adj chuck" "esc") and (vacuum same (suction near3 hole))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 11:30
S66	4023	(chuck susceptor holder support) same ((vacuum or suction) near3 hole)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 11:32
S67	424	(chuck susceptor holder support) with (substrate or wafer) with ((vacuum or suction) adj hole)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 11:46
S68	125	S67 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 15:19
S69	15	S67 and (cover\$3 near3 holes)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 14:49
S70	784	361/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 16:08
S71	12	S66 and S70	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 14:50
S72	123	S68 not (S69 S71)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 15:20

## EAST Search History

S73	15	S70 and ("dummy wafer")	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 16:08
S74	20	("4384918"   "5055964"   "5151845"   "5548470"   "5572398"   "5612850"   "5671119"   "5675471"   "5677824"   "5699223"   "5781400"   "5793192"   "5798904"   "5946184").PN. OR ("6243251").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 16:54
S75	0	("dummy wafer" with cover with hole) and (plasma with chamber with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:58
S76	1	("dummy wafer" with cover with hole) and (chamber with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:58
S77	0	("2006/0175772").URPN.	USPAT	OR	ON	2007/08/01 17:34
S78	0	(plasma same (chamber with (substrate or wafer))) and (((vacuum or suction) adj holes) with cover)	USPAT	OR	ON	2007/08/01 17:55
S79	6	( (chamber with (substrate or wafer))) and (((vacuum or suction) adj holes) with cover)	USPAT	OR	ON	2007/08/01 17:55
S80	2	"6815646".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 20:31
S81	14	("4131267"   "4448404"   "5191218"   "5324012"   "5564682"   "6032997").PN. OR ("6164633"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 20:53
S82	11	("4158171"   "4796562"   "4846452"   "4849916"   "5923408"   "6032997"   "6073681"   "6164633"   "6196532"   "6257564").PN. OR ("6538733"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 20:55

## EAST Search History

S83	2882	118/728.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 18:21
S84	2632	S83 and (@rlad<="20030723" or @ad<="20030723")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 18:22
S85	928	S84 and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 18:23
S86	238	S85 and (ring with (cover\$3 or protect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 12:55
S87	2882	118/728.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 12:55
S88	2632	S87 and (@rlad<="20030723" or @ad<="20030723")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 12:55
S89	928	S88 and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 12:55

## EAST Search History

S90	5	S89 and (ring near3 resin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 12:55
S91	6	(US-5625526-\$ or US-5589003-\$ or US-6164633-\$ or US-6815646-\$ or US-5670066-\$ or US-5463526-\$). did.	USPAT	OR	ON	2007/08/03 13:00
S92	2	S91 and resin	USPAT	OR	ON	2007/08/03 13:11
S93	858	156/345.14,345.23,345.51.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:24
S94	102	S93 and (ring near3 (cover\$3 or protect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:26
S95	13	S93 and (ring near3 material near2 (substrate wafer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:26